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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

FILE No. 143

MONTHLY REPORT

FOR

JUNE, 1924.

JUNE, 1924

July 8, 1924

Dear Sir:

The following is my report on conditions in Yellowstone National Park and on the operation of the park for the month of June, 1924:

I. GENERAL CONDITIONS:

In my report for the month of May, 1924, I discussed general economic conditions in the neighborhood of Yellowstone Park. During June the generally bad economic conditions did not noticeably improve. There is much unemployment in all three states surrounding the park and money is exceedingly tight. Wyoming agricultural conditions have improved somewhat on account of rains in the early part of the month. In fact, up to a point twenty miles or thereabouts east of the park rains have occurred from time to time and one cannot say that drought conditions obtain in Wyoming except in the Jackson Hole and Yellowstone Park country. In Montana, there have been copious rains in certain sections which have aided the farmer but in the southern and western parts of the state the country is very dry and range conditions are poor.

The forests are as dry as tinder and the fire hazard is very great.

In Idaho, drought conditions obtain and the same can be said of Utah and Nevada and of course you are receiving similar reports from the superintendents in Pacific Coast states. I cannot emphasize too strongly the extremely serious situation that confronts these western states where drought conditions of the worst kind obtain. Yellowstone Park is within this drought stricken area.

NOTED
P. E. G.

Weather conditions have been carefully kept in Yellowstone National Park since 1887, 1924 being the thirty-eighth year of the record. During this entire period there have been no such drought conditions as we have suffered during May and June of this year. By reference to the weather report below you will note that the total precipitation for May and June, 1924, is 1.24 inches. The previous low record for May and June combined shows 1.43 inches in 1919. Let us reflect at this point on what this weather record means. 1919 was the worst fire season that this park has ever had. During the latter part of July and all of August all our ranger and road crews were engaged in fire fighting almost to the exclusion of all other activities. It cost somewhere between \$40,000 and \$50,000 to fight these fires, not to mention the cost of repairing roads almost totally neglected during the summer. A deficiency appropriation of over \$29,000 was made by Congress to reimburse in part the park appropriation but it was impossible to properly compile all fire fighting costs and it is certain that the park appropriation was never wholly reimbursed for expenditures made in fire fighting.

While we have a more efficient fire patrol this year than we had in 1919, conditions are so similar to those confronting us in 1919 that we have every reason to expect a bad forest fire situation. Every precaution is being taken to protect the park from fire but a little later we are likely to have lightning without subsequent rain and it is the lightning fire in the distant sections of the park that will give us the most trouble and make necessary the heaviest expenditure of money in forest fire fighting.

But the fire hazard is not the thing that is most worrying me at this time. In lodgepole pine forests, particularly in the Yellowstone region, we have unusually quick reproduction of timber and it does not take many years for a fire scar to heal to such an extent as to eliminate most of the unsightliness that a forest fire causes. This is not the case with the wild life that is lost in the wake of such a dry season. The lack of rain has already stunted the grass that the elk depend upon in winter to such an extent as to make almost certain a very serious loss of game next winter unless the winter should be open and snowfall should be light and unaccompanied by exceedingly low temperature. However, if we are to judge from weather conditions the winter will be exceedingly severe - just as occurred in 1919. You will recall that the drought of the summer of 1919 burned up the grass on the ranges and by the time the elk began to move down in the fall there was absolutely nothing left for the herds to eat. The result was that a sudden drop in temperature and a heavy snowfall drove the herds into the lower levels and thousands of the elk went out of the park. We have estimated that at least 8000 elk

were killed during the hunting season or subsequently starved during the winter of 1919-20. It has taken four years for the herds to recover from this blow and even at this time there are not as many elk in the park region as there were in 1919. Even should we have copious rains during July and August it is doubtful whether the range will recover sufficiently to carry the elk through the winter. I feel that under existing conditions it is my duty to warn the Service that there is going to be serious loss of game during the winter and that we are again facing the possibility of complete extermination of the elk and antelope.

I shall not ask for authority to begin buying hay until the first of August. Unless there is a brighter prospect a month hence I think we should begin buying large quantities of hay. This will of course necessitate the incurring of a deficiency in our appropriations.

So far as the buffalo are concerned there are over one hundred calves in the herd and it is possible that there will be one hundred and fifty at the end of the calving season. Despite all of our efforts it will not be possible to harvest any more hay at the buffalo ranch than we harvested last year although we have more land under cultivation. The drought has made it impossible to get all of the fields adequately irrigated. If the winter is more severe than last winter was it will not be possible to hold the buffalo at the ranch and they are likely to go down the valleys into the settlements unless more hay is purchased and hauled to the buffalo ranch.

All of the above goes to show that we are facing a crisis in Yellowstone game protection and the time is at hand when we must make a determined effort to secure sufficient money to buy winter range and hay lands north and south of the park.

Formal Opening of the Park

Turning from the gloomy statements that I have had to make as a result of the unprecedented adverse weather conditions, to the use of the park as a playground by the people, I have more interesting and favorable information to convey to you.

On June 1st the park was informally opened to people traveling in their own cars and carrying their own equipment and, on June 20th, with appropriate ceremonies at the great basaltic arch at Gardiner, the formal opening occurred. A platform appropriately decorated was erected just outside the arch and from the platform the various speakers addressed an audience of from

one thousand to fifteen hundred people, including the passengers on the first Northern Pacific train. Special rates to the park were quoted by the Northern Pacific for the benefit of the local people and hundreds came from adjacent communities. A great train of automobiles carrying residents of Montana started from Livingston early on the morning of the 20th and arrived in time for the ceremonies.

The speakers at the opening ceremonies were: Captain John R. Quinn, Commander of the American Legion, my boyhood friend and college classmate; Governor Jos. M. Dixon, of Montana, and United States Senator T. L. Oddie of Nevada. The presiding officer at the ceremonies was Mr. L. E. Flint, President of the Livingston Chamber of Commerce and Editor of the Livingston Enterprise. I permitted the ceremonies to be conducted under the auspices of the Livingston Chamber of Commerce and the Upper Yellowstone Valley Citizens Association as a measure of local cooperation that I thought would be beneficial to the park. At the close of the speaking Commander Quinn cut the wire that held the chain across the arch and the speakers of the day, escorted by a mounted troop of park rangers, entered the park, thus completing the formal opening. The rangers and distinguished speakers were followed by pack trains, saddle horse parties, ^{private} automobiles, Transportation Company busses and pedestrians, thus very appropriately opening the park to all classes of travel.

Yellowstone Park Newspapers

On the morning of the 20th the Livingston Enterprise issued a special edition and resumed publication of its park edition as the Yellowstone Daily Tourist Edition. Copies of the special edition of June 20th and also the edition of June 21st, containing the full text of all speeches delivered at the opening ceremonies, are attached hereto.

Roads

All highways were open on June 20th except the road down the north side of Mt. Washburn which was finally opened on June 30th, cars being permitted to run on the morning of July 1st. The road through Sylvan Pass from the eastern entrance was open to travel on June 12th although the first car went across on June 10th. The road from the southern entrance was opened on June 10th. The road through Dunraven Pass was thrown open to travel on June 18th and the south side of Mt. Washburn was made accessible to automobiles on June 27th. The first car over the road was the Director's car bearing license U.S. N.P.S. #1, and carrying National Commander Quinn and his party. All of the roads have been in splendid condition with the exception of part of the road between the southern boundary

and Moran. This road is in fairly good condition but full of small rocks and there have been some broken culverts to fix. Lack of money prevented our putting any crews on this road prior to the opening of the season.

The excessively dry weather, however, has dried up many of the springs and other sources of water for supplying sprinkler tanks and therefore our roads are much dustier than usual.

I thought a splendid compliment was paid to the road system and our maintenance work when Congressman W. C. Hawley, of Oregon, after completing his tour of the park on June 21st, told me that if every bad or rough piece of road was put together it would not make over one-half mile out of the one hundred and sixty miles that he had covered.

I visited Livingston on June 9th, covering the road between Gardiner and that city by automobile. I found this highway in an unusually good condition.

On the morning of June 18th I left the park for Cody, returning on the 19th. In Cody, I conferred with business men on park matters and gave a talk on the park before the Wyoming State Convention of P.E.O., a National fraternal organization of women. On the morning of the 20th this convention visited the eastern park entrance and dedicated our new gateway structure as well as the new Sylvan Pass Lodge. I enclose pictures taken at the entrance on this occasion. I suggest the possibility of using these pictures in publicity favorable to the park.

Inspection Tours

The buffalo and other ranches and all of the roads, hotels, camps, stores and the transportation system were inspected by me during the month and in the case of roads, hotels and camps several inspections were made.

On June 28th I visited the Jackson Hole region with Mr. W. M. Nichols, of the Hotel and Transportation Company, Mr. Vernon Goodwin, President of the Camps Company, U. S. Senator T. L. Oddie, from Nevada, and Mr. Lawrence Martin, our publicity director who is employed by the public utilities for the summer months. We covered the roads south to Moran, thence to Brooks Lake at the head of Wind River - the Lander road - thence back to Moran, thence to Jenny and Leigh Lakes under the Tetons, thence to the Bar B C Ranch, which received so much attention in recent articles in the Saturday Evening Post, and thence back to the park. We arrived at headquarters at 11:00 o'clock the night of the 29th.

New Park Ranger Sworn In

On June 21st Senator Tasker L. Oddie, of Nevada, was sworn in as a Park Ranger, provided with a uniform and badge and has since been making horseback patrols. He will be here about a month and expects to cover a large part of the trail system in that time. He is extremely interested in all of the activities of the park and particularly in the ranger patrols.

Weather

The Monthly Meteorological Summary furnished by the United States Weather Bureau for June is enclosed herewith. The following weather records are also quoted from the same source, furnished by the local Observer:

Temperature: Monthly mean, 52.6° , is 3.4° below normal. The highest temperature was 82° on the 30th. The lowest was 24° on the 8th, which is the latest date in the spring with so low a temperature since the record began in 1887.

Precipitation: Total, 0.81 inch, is 0.83 inch below normal, and the eighth consecutive month with deficient precipitation, or a deficiency of 7.85 inches since November, 1923. During the past 20 years there have been six Junes with a smaller amount of precipitation than occurred this year, the least of record being 0.14 inch in 1919. The total for May and June this year, 1.24, is the least of record for these two months as a whole for the past 38 years. The previous low record for May and June combined was 1.43 in 1919.

Snowfall: Total 1.1 inches, which fell on the 7th and 8th. The maximum velocity was 38 miles per hour from the south on the 6th.

Sunshine: Percentage of possible 61; normal 64.

Special Trains and Train Service

On the 7th of June a Union Pacific special train, carrying employees for the Yellowstone Park Camps Company, reached West Yellowstone, Montana. On June 12th a Northern Pacific train, carrying employees for the various park utilities reached Gardiner, Montana.

Beginning June 20th regular train schedules went into effect at all gateways. At Gardiner, Northern Pacific trains arriving daily at 11:15 A.M. and 5:15 P.M., and departing at

11:45 A.M. and 7:30 P.M. At West Yellowstone the Yellowstone Special (Union Pacific), arrives at 7:30 A.M. and departs at 7:00 P.M., and another train arrives at 3:15 P.M. and departs at 12:45 P.M. At Cody the Burlington trains are running under the same schedule as last year.

Travel

Travel during the month has been approximately 45% in excess of travel for June, 1923. Travel figures are attached hereto. The travel report for June has set new records in many particulars. The rail travel for the opening day (June 20th) was 480. The record rail travel for this date is 1223 and it occurred in 1922. The total travel for the month exceeds the previous record for June by 5662.

The total rail travel for the month exceeds the previous record for June by 484.

The total auto and miscellaneous travel for the month exceeds the previous record for June by 4872.

The total number of automobiles entering the park during the month exceeds the previous record for June by 1792 cars. Most of the entrance and single days travel records for June 1922 have been exceeded and the monthly totals for June, 1922, have been exceeded in all particulars save one - namely, the total rail tourists registering at the hotels in June, 1922, being 3038 as compared with 2905 in June, 1924.

Incorporated in this report are two travel statements - one the Chief Ranger's Travel Report for June, 1924, and the other June, 1924 comparative figures with 1923 and 1922.

DEPARTMENT OF THE INTERIOR.
NATIONAL PARK SERVICE—YELLOWSTONE NATIONAL PARK.

CHIEF RANGER'S MONTHLY TRAVEL REPORT, MONTH OF

1924

	NORTH.		WEST.		EAST.		SOUTH.		ALL TRAIL ENTRANCES.		SUMMARY.	
	Cars.	People.	Cars.	People.	Cars.	People.	Cars.	People.	Horses.	People.	Cars.	People.
Automobile permits issued	1750	5240	1467	4418	1057	3312	319	945			4593	13915
Automobile permits issued (complimentary)	2	5	13	19	5	13					20	37
Cars entering second time	32	103	116	362	4	12	5	13			157	490
Motor-cycle permits issued	13	15	5	6	3	4	2	3			23	28
Total	1797	5363	1601	4805	1069	3341	326	961			4793	14,470
Passengers in horse-drawn vehicles		220		24		32		8				284
Passengers on horseback												
Passengers on bicycles												
Passengers on foot												
Total incoming passengers with private transportation	1797	5583	1601	4829	1069	3373	326	969			4793	14,754
WITH HIRED TRANSPORTATION.												
Yellowstone Park Transportation Co												
Total incoming passengers with hired transportation		1528		3384		651		11				5574
TOTAL INCOMING PASSENGERS	1797	7111	1601	8213	1069	4024	326	980			4793	20,328

Total automobiles in public camping grounds

Total passengers Cooke City stage

SEASON TOTAL END OF LAST MONTH

Total automobile campers in public camping grounds

Total visitors Cave Falls—Bechler River Region

SEASON TOTAL TO DATE

5129 21,452

Department of the Interior
National Park Service
Yellowstone National Park

1924 COMPARATIVE TRAVEL FIGURES WITH 1923 AND 1922 - MONTH OF JUNE

JUNE 1924

ENTRANCE	RAIL (People)			MOTOR		MISC.	TOTAL	TOTAL
	Total:					People	(People)	(People)
	Hotels	Camps	Rail	Cars	People		MONTH	SEASON
North	663	865	1528	1797	5363	220	7111	8086
West	1898	1486	3384	1601	4805	24	8213	8302
East	336	315	651	1069	2341	52	4024	4068
South	8	3	11	519	945	8	980	996
TOTALS	2905	2669	5574	4793	14470	284	20528	21452

JUNE 1923

ENTRANCE	RAIL (People)			MOTOR		MISC.	TOTAL	TOTAL
	Total:					People	(People)	(People)
	Hotels	Camps	Rail	Cars	People		MONTH	SEASON
North	775	702	1477	1283	3997	245	5749	6429
West	1757	899	2656	750	2359	55	5070	5177
East	319	315	634	901	2930	44	3608	3730
South	12	5	17	67	232	---	239	305
TOTALS	2863	1921	4784	3001	9508	374	14666	15641

JUNE 1922

ENTRANCE	RAIL (People)			MOTOR		MISC.	TOTAL	TOTAL
	Total:					People	(People)	(People)
	Hotels	Camps	Rail	Cars	People		MONTH	SEASON
North	1114	871	1985	329	2877	113	4980	6233
West	1687	885	2572	565	1874	67	4533	4533
East	237	296	533	507	1502	65	2180	2180
South	---	---	---	46	140	---	140	140
TOTALS	3038	2052	5090	2047	6473	270	11833	13086

TRAVEL RECORDS BROKEN IN 1924

W.O.W. Convention, which convened at Mammoth on June 11, brought 300 rail visitors to park prior to official opening date and resulted in a new record rail travel for June, the previous record in June 1922 being surpassed by 484 visitors.

Opening date, June 20 - 2441 visitors; record travel for this date was 1613 in 1922.

Rail travel for opening day 480; record travel for this date 1225 in 1922.

Largest day's entrance travel in history of park 2859 on August 7, 1923.

Total travel for season to date 21452; previous record 15641 in 1923; gain 5811.

Total travel for month 20528; previous record 14666 in 1923; gain 5662.

Rail travel for month 5574; previous record 5090 in 1922; gain 484.

Auto and misc. travel for month 14754; previous record 9882 in 1923; gain 4872.

Number of cars for month 4793; previous record 3001 in 1923; gain 1792.

STATEMENT SHOWING AUTOMOBILE TRAVEL BY STATES
YELLOWSTONE NATIONAL PARK - JUNE 1924.

	North		West		East		South		TOTAL	
NAME OF STATE	Cars	engers	Cars	engers	Cars	engers	Cars	engers	Cars	engers
Alabama	1	3	2	8			1	7	4	18
Arizona	2	4	9	22	13	37	1	2	25	65
Arkansas					4	14	1	5	5	19
California	274	827	353	982	25	66	36	103	688	1978
Colorado	24	64	37	111	63	232	36	89	180	496
Connecticut	3	13	2	8					5	21
Delaware			1	4	1	2			2	6
Dist. of Col.	4	10	1	4	3	8			8	22
Florida	2	4	3	6	3	7			8	17
Georgia										
Idaho	30	85	197	665	3	6	22	59	252	815
Illinois	62	182	38	95	73	244	18	53	191	574
Indiana	24	74	79	55	26	77	2	5	71	211
Iowa	42	127	19	62	74	237	7	20	142	446
Kansas	7	20	23	61	38	122	12	35	80	238
Kentucky	2	7	1	2	5	13	1	2	9	24
Louisiana	2	6	1	2	8	25			11	33
Maine	1	4	1	2					2	6
Maryland					1	3			1	3
Massachusetts	10	28	8	17	6	14	4	10	28	69
Michigan	25	67	26	79	30	99	5	13	86	258
Minnesota	112	363	26	74	29	95	6	21	173	553
Mississippi	1	2	1	3	4	17	2	6	8	23
Missouri	10	33	16	52	54	168	9	30	89	283
Montana	479	1460	116	346	45	133	4	13	644	1952
Nebraska	25	68	11	29	59	200	9	25	104	322
Nevada	5	10	19	52	1	2	2	8	27	72
New Hampshire	2	6	2	4	3	6			7	18
New Jersey	5	14	9	23	7	23	2	5	23	65
New Mexico	1	2	4	14	3	7	1	2	9	25
New York	23	61	14	38	24	70	4	14	65	183
North Carolina			2	5	2	5	1	5	5	15
North Dakota	62	221	17	49	35	126	2	4	116	400
Ohio	22	71	22	69	60	191	14	39	118	370
Oklahoma	7	20	18	53	27	98	5	18	57	189
Oregon	48	154	93	286	8	23	7	16	156	479
Pennsylvania	19	53	16	51	22	74	5	15	62	193
Rhode Island	1	2			2	6			3	8
South Carolina					1	4			1	4
South Dakota	43	146	11	31	13	36	2	7	69	220
Tennessee	1	3	11	25			2	9	14	37
Texas	11	29	19	54	50	163	19	59	99	305
Utah	13	24	167	527	7	21	21	64	208	636
Vermont	1	4	1	2	1	2			3	8
Virginia			1	3	3	9	1	3	5	15
Washington	170	540	86	272	18	51	4	12	278	875
West Virginia	1	2	1	3	4	12			6	17
Wisconsin	114	340	34	104	30	87	1	5	179	536
Wyoming	37	111	17	61	153	485	5	14	212	673
Alaska					1	4			1	4
Mexico			1	4			45	148	46	152
Hawaii			1	2					1	2
Canada	24	55	3	15					27	100
TOTALS	1752	5349	1480	4437	1062	3325	319	945	4613	14056
Cars entering second trip, unclassified by states									157	490
Motorcycles entering, unclassified by states									23	28
GRAND TOTAL all cars and visitors classified and unclassified									4793	14470

II. PERSONNEL

On June 1st there were 67 employees on the payrolls and on June 30th there were 120. The following list shows the number of appointees of various classes serving during the month, with a general statement of the kind of work in which they were engaged:

<u>No.</u>	<u>Class</u>	<u>Kind of Work Performed</u>
1	Superintendent	General administration and supervision of all activities in the park.
2	Asst. Superintendents	1 in charge of administration, purchasing, disbursing; 1 in charge of property, equipment, transportation, cost accounts, inventories, etc., also acting as Assistant to Superintendent in capacity as Field Assistant to the Director.
2	Asst. Engineers	1 in charge of engineer work; 1 assisting
7	Clerks	1 Cost Accounting Clerk; 1 Personnel and File Clerk; 1 Clerk on orders, proposals and vouchers; 1 Clerk on timekeeping and payroll work; 1 Clerk assisting Cost Accounting Clerk and helping on proposals and vouchers; 2 stenographer typists on stenographic work for superintendent.
3	Electricians	Operated power plant regular shift, including Sundays, read meters, did necessary line work.
3	Foremen	1 in charge of headquarters corral and freighting work about headquarters; 2 on road work.
1	Telegrapher	Sent and received all Government Western Union messages, operated one shift on telephone switchboard.

<u>No.</u>	<u>Class</u>	<u>Kind of Work Performed</u>
3	Telephone and Switchboard Operators	One operated telephone switchboard daily shift, including Sunday: two W.A.E. operators.
1	Master Mechanic	In charge of shops and of repair to heavy road machinery.
2	Blacksmiths	General blacksmith work; including shoeing of horses in shop, repairing tools and equipment.
1	Master Plumber	In charge of general plumbing and water and sewer systems.
1	<i>Master Painter</i>	
2	Auto Mechanics	1 on duty in power plant; 1 on repair work.
1	Carpenter	Repairing buildings at headquarters.
4	Laborers	Teaming, freighting, assisting mechanics and miscellaneous work at headquarters.
1	Steward & Master of Transportation	In charge of all transportation and of storehouses.
1	Chief Buffalo Keeper	In charge of tame buffalo herd.
2	Asst. Buffalo Keepers	One in charge of hay ranch operations at Slough Creek; 1 assisting.
1	Buffalo Herder	Assisting Buffalo Keeper (resigned close of June 20th)
1	Park Naturalist	Scientific research work and developing museum.
1	Chief Park Ranger	In charge of ranger force.
1	First Asst. Chief Park Ranger	In charge of Northern District.
2	Assistants Chief Park Rangers	1 on duty at Lake District; 1 in charge of Western Supervisory Territory.
23	Park Rangers (13 WAE)	Patrolling, handling tourist traffic, protecting game, policing up sta-

<u>No.</u>	<u>Class</u>	<u>Kind of Work Performed</u>
		tions, repairing trails and bridges, fire lookout work and miscellaneous duties.
60	Temporary Park Rangers (WAE)	Patrolling, handling tourist traffic, building trails, fire lookout, lecture, guide, information, duty in Chief Ranger's Office, miscellaneous duties under direction of station chiefs; and motorcycle patrol.

Leaves of Absence

Daniel W. Tripp, Laborer, June 1-5, 4 days.
 Kenneth C. Wahl, Park Ranger, June 1-2, 1 day.
 Wm. J. O'Loughlin, Laborer, June 7-30, 20 days.
 Roy C. Brown, Park Ranger, June 1-12, 10 days.
 Bert Stinnett, Master Mechanic, June 4, 1 day.
 Julia S. Stockett, Clerk, June 10-(noon), 1/2 day.
 A. E. Madsen, Clerk, June 7, 1 day.
 A. E. Madsen, Clerk, June 28 (noon), 1/2 day.

Sick Leave

Daniel W. Tripp, Laborer, June 23-30, 8 days.

Resignations

Jacob H. Gornick, Buffalo Herder, \$1200 per annum, and quarters, plus increase of compensation, effective close of June 20th, 1924.

Appointments

Mrs. Lucy Bilkert, Clerk, at \$1320 per annum and quarters, plus increase of compensation, status changed to Clerk at \$1320 per annum and quarters, plus increase of compensation, when-actually-employed, effective June 1, 1924.

Herbert G. Chappalear, Clerk, at \$1320 per annum and quarters, plus increase of compensation, and travel expenses from

Washington, D. C., to Yellowstone Park, Wyoming, entered on duty June 1, 1924. (Transferred from U. S. Public Health Service, Washington, D. C.)

Oscar B. Eggen, Clerk, temporary, at \$100 per month and quarters, plus increase of compensation, effective June 18, 1924.

Leslie E. Nelson, Clerk, temporary, at \$100 per month and quarters, plus increase of compensation, effective June 18, 1924.

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The following were appointed Temporary Park Rangers, W.A.E., with Increase of Compensation, and quarters:

<u>Name</u>	<u>Basic Salary</u>	<u>Entered On Duty</u>
Jake S. Alexander	\$80.00	June 16
David Earl Andrew	80.00	June 16
Robert B. Armstrong, Jr.	80.00	June 16
Kenneth S. Barnhill	80.00	June 16
Nathan Bartlett	100.00	June 16
William H. Bayliff	80.00	June 16
Joseph W. Byrns, Jr.	100.00	June 16
Theodore P. Chittenden	100.00	June 21 (noon)
Dr. Henry S. Conard	100.00	June 16
Gordon Cottier	100.00	June 16
W. J. Cribbs	100.00	June 20 (noon)
Carroll P. Donohoe	100.00	June 16
Michael Z. Ferguson	100.00	June 16
Leland Glasgow	80.00	June 16
Raymond A. Hellickson	80.00	June 16
Carl G. Henn	80.00	June 16
Horace A. Hildreth	80.00	June 16 (noon)
Alexander D. Hollenbeck	80.00	June 17 (noon)
John R. Huffman	100.00	June 16
William W. King, Jr.	100.00	June 16
Elmer E. Kingery	80.00	June 16
Frederick F. Kislisbury	80.00	June 16
William M. Kocher	100.00	June 16
Wasson W. Lawrence	80.00	June 16
Henry C. McCormick	100.00	June 16
Leslie E. McFadden	80.00	June 18 (noon)
Douglas McMurray	100.00	June 16
Sam W. Maphis, Jr.	80.00	June 16
Hollis N. Matthew	1200.00 p.a.	June 11
Kenneth F. Maxwell	80.00	June 16

<u>Name</u>	<u>Basic Salary</u>	<u>Entered On Duty</u>
Frank W. Mondell, Jr.	100.00	June 16
John T. Moose	80.00	June 16
Ralph W. Pierson	80.00	June 16
Tom A. Renick	80.00	June 16
Eugene V. Robertson	100.00	June 20 (noon)
Burleigh D. Shelton	100.00	June 16
Elmer E. Silburn	100.00	June 16 (noon)
Edward D. Sledge	100.00	June 16 (noon)
Russell Sprinkel	100.00	June 16
Harold E. Sweeney	80.00	June 16
Eugene K. Taggart	80.00	June 16
Walton B. Tanner	80.00	June 16
Frank Thone	140.00	
	(No increase of compensation)	June 9 (noon)
Miss Margaret Thone	80.00	June 9 (noon)
Walter Toeys	100.00	June 16
George M. Vandaveer	100.00	June 16
Quentin D. Wert	80.00	June 16
Robert L. Wilson	80.00	June 16
Irving P. Wiltse	80.00	June 16
Mrs. Irene M. Wisdom	80.00	June 16
Austin B. Wood	80.00	June 16

Appointments Cancelled

Vernon S. Lilly	100.00	)	
Kenneth B. McIver	100.00	)	
Knox D. Moore	100.00	)	All Temporary
Paul R. Needham	100.00	)	Park Rangers
Walter D. Tobin	80.00	)	

Promotions

Forest L. Carter, Park Ranger, at \$1320 per annum and quarters, plus increase of compensation, when-actually employed, promoted to \$1500 per annum and quarters, plus increase of compensation, when-actually employed, with title of Assistant/Park Ranger, effective June 1, 1924.
Chief

Harry McFarland, Foreman, \$1400 per annum and quarters, plus increase of compensation, promoted to \$1560 per annum and quarters, plus increase of compensation, effective June 1, 1924.

William Wiggins, Master Plumber, \$1620 per annum and quarters, plus increase of compensation, promoted to \$1920 per annum and quarters, plus increase of compensation, effective June 1, 1924.

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In addition to the regular employees listed above under appointment the following were employed temporarily by the day:

	<u>June 1st</u>	<u>June 30th</u>
Laborers	16	42
Skilled Laborers	5	12
Special Laborers	10	14
2 H. Teamsters	7	31
4 H. Teamsters	5	9
Plumbers	4	6
Carpenters	3	5
Truck Drivers	7	20
Cooks	7	19
Foremen	6	18
Grader Men	4	6
Irrigators	4	7
Painters	4	3
Axemen	1	1
Blacksmiths	1	3
Electricians	0	1
Linemen	0	1
Mechanics	1	2
	<u>85</u>	<u>200</u>
Appointees	<u>67</u>	<u>120</u>
Total on rolls	152	320

III. WORK COMPLETED

(a) Construction of Physical Improvements

Lake Sewer: The work on this sewer system, which was left unfinished last fall, has been completed and the system was ready for use June 15th. Three concrete manholes were built and 305 feet of 8" pipe laid; 875 feet of trench nine and ten feet deep was backfilled; the sedimentation tank was finished; a masonry wall 170 feet long was built along each side of the stream near the sedimentation tank and a general cleaning up done.

Improvements at the Eastern Entrance: The construction by the Yellowstone Park Camps Company of the fine big lunch station building at the Eastern Entrance to the park made it necessary for the Park Service to also make some improvements at that point. A temporary checking station has been built; the small frame building known as the officers' quarters was moved to the center of the roadway at the entrance. It was then entirely enclosed with a frame work of large logs which also cover the roadway on each side, forming an archway under which the entering cars pass on one side and departing cars on the other. This structure not only adds to the general appearance of this entrance to the park but greatly facilitates the work of checking cars.

The ranger station was moved to the north or upper side of the road and placed on a concrete foundation. The work was done by the Park Service but the expense was borne by the Yellowstone Park Camps Company in accordance with their agreement to do so when they were given the East Entrance site for their lunch station.

The roadway approaching the entrance was widened for several hundred feet and graveled. Driveways to the lunch station were made and graveled.

(b) Maintenance and Repair to Physical Improvements

Mobile Grader Crew: A mobile grader crew in charge of Foreman Knochs worked the entire month with the caterpillar tractor and two graders. The following sections were graded and worked over: Mammoth to Yellowstone Lake; Norris to Madison Junction; Madison Junction to Riverside Station; Madison Junction to Old Faithful. A washout in the Gibbon Canyon near the seven mile post, about 500 feet long, was filled with gravel. Heavy ditch work was done along each side of the road across the flat just north of the old Fountain Hotel.

Shoshone Forest Road: The Goff Creek crew, consisting of four teams and eight men, worked on that section all the month. The grader was worked every day cleaning side ditches and smoothing off the road surface. Several new iron culverts were placed and considerable new graveling done principally on the Moss Creek flat, which we hope to have entirely surfaced by the end of the season. On June 12th two men with a team were established at Elk Fork to maintain the road in that section.

Park Roads in General: About June 16th small maintenance crews were placed on the following sections: Mammoth, Beaver Lake, Morris Junction, Madison Junction, Spring Creek, West Thumb, Lake, Trout Creek, Canyon, Dunraven Pass, Tower Falls, Blacktail Deer Creek and Lewis River. The roads were graded, fallen trees removed, ditches and culverts cleaned and some gravel hauled onto the roadway. Several bad mud holes developed on the Lake-Canyon section that caused considerable work to keep passable. These places have now been drained and filled with gravel and are fast drying up.

Road Sprinkling: Due to the exceptionally dry season considerable difficulty is being experienced in securing sufficient water in many places to operate the sprinklers. Many small streams and springs that have supplied sufficient water in previous years are now either dry or the quantity is so small that it seeps away or evaporates before reaching the tanks. A small crew was kept at work all the month repairing the supply tanks and cleaning out the springs, endeavoring to conserve and increase the supply of water.

The sprinklers began operation on the 18th, and continued during the month with good results wherever water was obtainable. The motor sprinklers are proving successful and more economical than the horse sprinklers as each one replaces two horse sprinklers.

About one hundred miles of road is being sprinkled twice each day which requires the use of nine motor sprinklers, two two-horse sprinklers and five four-horse sprinklers.

Snow Removal: Compared with other years the snow removal problem was not a difficult one. On May 25th a crew of three men began blasting operations in Sylvan Pass and worked at that about one week; on June 8th five shovelers started to clean out the remaining snow which was done in three days and the Pass opened to travel June 10th.

Dunraven Pass was opened to travel June 18th after a small crew had worked one week blasting and shoveling. The Mt. Washburn road was opened June 30th after the crew had worked four days on the big drift just below the summit on the Tower Falls side.

(c) Miscellaneous Improvement Work

The Master Painter and his helpers finished the inside work at the hospital; made frames for use in museum; painted alarm

boxes for new fire siren; painted 260 signs; and did some work in quarters at Rileys and Allans.

The Master Mechanic and his helpers overhauled a Reo Speed Wagon, a Ford car and a F.W.D. truck. Repairs and adjustments were made to trucks and cars when necessary. Pumps were mounted on four sprinklers; tops were put on five F.W.Ds; boxes were made for grain containers; and repairs made to miscellaneous equipment.

The Master Mechanic made during the month of June, a trip to Bozeman with chains and repairs for trucks being brought from Helena, and a trip to Helena to look over machinery belonging to the War Department for use in the Yellowstone shops.

The Steward and Master of Transportation received and issued supplies, rations and equipment for twenty road camps. Forage, rations, lumber and supplies of one kind and another were hauled to all camps in the park; gas and supplies from Gardiner to Mammoth; cross arms for telephone poles from Gardiner to Morris Junction (70 to a mile); and sewer pipe from Gardiner to Canyon Junction for public automobile camps.

The Carpenter with an assistant part of the time, worked in the hospital, on fire alarm boxes, roofs of several buildings preparatory to painting, including commissary and stable, and did miscellaneous work in one or two sets of quarters.

The Foreman of Grounds and Stables: On the 15th of the month three boys began taking care of the lawns about headquarters. One man with a team hauled garbage from the public automobile camp at Mammoth, one man with a sprinkler wagon took care of the roads around Mammoth; and one man with a team did freighting at headquarters.

The Master Plumber and his assistants completed the overhauling of plumbing and heating systems in the hospital at Mammoth. The water system at Canyon public automobile camp was completed. Work has commenced on the installation of 2100 feet of 8" sewer pipe at Canyon. Regular maintenance work on water and sewer systems at Mammoth was continued.

The Power Plant was operated in the usual manner. It was run constantly with the results shown in comparison for June, 1923, as follows:

	<u>1923</u>	<u>1924</u>
Total current generated in KW		
hours	30,860	43,280
Of this, sold to public		
utilities at 5¢ per KWH	3,668	14,579
Consumed for street lighting	850	1,701
Balance, consumed in Government		
buildings, for power and		
lighting, lost on lines		
in transit	26,342	27,000
Peak load during month in KW	110	124

The Telephone and Switchboard Office was open daily from 6:30 A.M. to 12:00 (midnight). The schedule changed from 7:30 A.M. to 8:45 P.M. on June 13th.

Switchboard Calls

On Government local lines	11,126
On Hotel Company lines	1,251
Long Distance connections	<u>538</u>
Total	12,915

Telegrams

Government sent	115
Commercial sent	<u>336</u>
	451
Government received	72
Commercial received	<u>180</u>
	252

Office Force

The office force was busy with usual routine work, which includes orders, payment of vouchers, preparation of accounts, reports, general correspondence, etc. 1660 pièces of official mail were received and 2504 were sent out during the month.

(d) Service to the Public

This work has consisted in part of the services rendered the public in the Information Office and Museum at Mammoth,

and of services rendered by rangers on patrol, at stations and the regular Ranger Guide Service at Old Faithful and Mammoth. Special guide service has also been at the disposal of the public since the opening of the season.

Information Office: During the month a total of 2870 people visited the Information Office and Museum at headquarters as compared with 2294 for the same period last year, which shows a substantial increase but does not equal the June figures of 1922 which show a total of 3415. However, the sales records of 1923 and 1924 show substantial increases over 1922 and cause one to consider that the improved sales records might indicate improved methods in checking the number of visitors for the month. In any case the public is showing an increasing interest in the publications that are being kept for sale and distribution in the Information Office.

The June, 1924, report of sales from the Information Office is as follows, as compared with the 1923 report:

<u>Article</u>	<u>Number</u> <u>1923</u>	<u>Price</u>	<u>Number</u> <u>1924</u>	<u>Price</u>
Portfolio	107	\$107.00	113	\$113.00
Bulletin 611	3	1.50	3	1.50
Bulletin 612	4	2.00	2	1.00
Fossil Forests	77	7.70	140	14.00
Geysers	133	13.30	219	21.90
Geological History	130	13.00	237	23.70
Fishes	32	3.20	71	3.55
Panoramic Maps	2	.50	1	.25
U.S.G.S. Maps	12	3.00	21	5.25
Truthful Lies	25	6.25	17	8.50
Antelope, Pronghorn	4	1.00	13	3.90
Whitebar Elk	8	1.20	23	3.45
Nature Book			5	12.50
AAA Transcontinental				
Haynes Guides	113	84.75	68	51.00
Trees & Flowers	29	21.75	26	19.50
Foolish Questions			16	8.00
		\$273.65		\$291.00

Guide Service: Guides conducted regular parties over the formations at Mammoth and Old Faithful. There were two regular parties from each place daily, making a total of four parties a day over each formation. (By "each place" is meant The Camps Company and the Hotel Company). Rangers at Old Faithful guided 1452 visitors from the Hotel and 1774 from the Camps, making a

total of 3226. Figures from Mammoth were 385 from the Hotel and 471 from the Camps, making a total of 856. The grand total for the two places is 4082 as compared with 3362 for last year.

IV. WORK IN PROGRESS

(a) Construction of Physical Improvements

Trails: Trail work during the past month has been limited to a small crew of men at Mammoth which didn't average more than three men throughout the month. They were chiefly engaged in building and completing the trail work begun in May with the view of linking up all points of interest on the terraces and hot springs formation. A splendid trail system now covers the formation and signs newly posted point out all objects of interest.

Some very necessary trail work has been done at Canyon under the supervision and direction of the Ranger Department. The trail work at this point consisted of repairing and improving the trail down the Canyon wall to the foot of the falls, and is commonly known as "Uncle Tom's Trail." Considerable cement work has been done at particularly steep points on the trail where steps were considered necessary and a hand rail has been provided for almost the entire length of the trail. This work required the work of four men for the greater part of the month and the trail is now in splendid condition. A lack of funds has made it necessary to limit our trail work to that which was immediately necessary; however, with the coming of the new fiscal year funds will be available to carry out the work outlined for the year and reports will be made from month to month on the progress of the work.

Sanitation

I reported in June the arrival of Mr. H. B. Hommon, Sanitary Engineer of the U. S. Public Health Service, who was accompanied by Mr. I. W. Mendelsohn, his assistant, who will be on duty in the park the remainder of the summer.

Mr. Hommon directed mosquito control work until the time of his departure which occurred on June 16th. He also inspected all water supplies and sewerage disposal facilities and laid out the new canyon sewer which is to be constructed under the 1923 appropriation, and formulated a program of sanitation work to be carried out by the public utilities and the National Park Service with Mr. Mendelsohn's advice and assistance during the coming summer. Particular attention was given by Mr. Hommon to

sanitary conditions at the eastern entrance where the new Cody road lunch station has been constructed. He found it impossible to permit the use of a cesspool in this place on account of the high water table. He prohibited the use of flush toilets in the new lunch station and then set to work planning a system of sewage disposal which must be constructed before the 1925 season. This system will cost the Camps Company approximately \$25,000.

The work accomplished by Mr. Mendelsohn is covered in the following paragraphs dictated by him and approved by me:

1. The mosquito work at the Canyon was continued. The Canyon Camp employed one man for oiling all day on June 1st. The Canyon Hotel employed two men draining on June 1st and 2nd, two men oiling for full day and one man for half a day on June 3rd, three men oiling on June 4th, two men oiling on June 5th and 6th, 10th, 11th and 12th. The work was carried out under my supervision in accordance with instructions from Mr. Hommon. Inspections were made of the mosquito conditions about the automobile camp with Sanitary Engineer Hommon and Ranger Ogsden. In accordance with paragraph (a) under mosquitoes, in the program of Mr. Hommon, information is now being collected regarding prevalence of mosquitoes at the various places in the park and will be set forth in a report during July. Close supervision could not be given to the later oiling at the Canyon Hotel because of other work.
2. The sewer line for the automobile camp at the Canyon was surveyed and the design of the septic tank and sewer system was begun. The sewer pipe has been laid by Mr. Wiggins' organization for about 800 feet, and the ditch has been dug almost to the road in front of the Canyon Ranger Station.

The chlorine apparatus was set up at the two septic tanks at the Upper Basin in conjunction with Mr. Wiggins. The new chlorinators at the Lake and the Canyon Hotel septic tank were installed. Mr. R. Egger, one of the engineers at the Canyon Hotel, is making twice daily inspections of the chlorinator there. Chlorination of the sewage at the Canyon Camp septic tank was begun. New chlorine tanks were installed at each chlorinator and several inspections have been made of the operation of each machine, records being kept of pertinent data at each place. The excess chlorine test was instituted at the very end of the month, due to delay before receipt of chemicals from Montana State Board of Health. The inspections of the chlorinators show

that due to changes in temperature, several inspections a week of each machine are necessary for satisfactory operation. The machine at the Upper Basin Hotel tank is not in satisfactory operation yet.

The open privy for the winter personnel at the Canyon Hotel was removed and a pit dug and the building placed over it.

The comfort station at Tower Falls was inspected in company with Superintendent Albright and Landscape Engineer Hull.

The proposed sewer addition and the pit privies at the Canyon Hotel were investigated on June 25th and June 30th, on the last with Mr. Lindelef, engineer of the Hotel Company. A report of this investigation is attached.

The disposal of kitchen wastes from Camp Roosevelt was investigated. A report is attached.

The disposal of kitchen wastes from Camp Roosevelt was investigated. A report is attached.

The two pit privies at Apollinaris Spring were investigated on June 27th and were found still in an unsightly condition. Mr. Wiggins was informed of their condition.

3. The water supplies of the Canyon Permanent Camp and the Canyon Hotel were inspected. Reports are attached, in accordance with paragraph (a), water supplies of Mr. Hommon's program.

The water supplies at Madison Junction, the Canyon Automobile Camp, and for the Thumb were inspected with Mr. Wiggins.

Signs reading as follows have been prepared for erection at various sources of drinking water in the park:

Drinking Water
Help Keep It
Pure
For Others

4. A survey for the location of the bear dump at Tower Falls was made on June 28th, in conjunction with Ranger Bauman. Report is attached.
5. In company with Superintendent Albright and Sanitary Engineer Hommon, an inspection was made of the dump grounds at the Upper Basin.

(Reports mentioned above will be forwarded under separate cover.)

Landscape Engineering

Chief Landscape Engineer D. R. Hull arrived on June 5th. As he was under instructions from the Director to be at Grand Canyon National Park for a conference on June 20th his work in the park was necessarily very greatly hurried. However, he attended to practically all of our needs and made a complete tour of the park together with a side trip to the new Cody Road Lunch Station.

One of the most important things that Mr. Hull did was to approve the location of the great new transportation machine shop and garage at Gardiner, a plant that will cost in the neighborhood of \$200,000. He selected sites for new buildings for all sections of the park and gave advice on the re-location of the telephone line from Mammoth to Norris and approved certain vista cutting that I had proposed. I think it will probably be necessary for Mr. Hull to return to Yellowstone Park before the close of the season as already the public utilities are planning work that they did not anticipate at the time he was here.

VII. POLICIES

No changes to note for June.

VIII. COST OF OPERATION

The cost of operation of Yellowstone National Park will be shown on the Cost Accounting Report for the month of June, which report will be forwarded shortly.

IX. OTHER MATTERS OF INTEREST

Wild Animals

General: There is rarely anything at this season of the year to adversely affect game conditions. The usual springtime additions to the herds are reported. Young antelope, deer, elk and moose are commonly reported by rangers on patrol. With a normal increase in the totals of all game the game situation for another year would be promising indeed except for the consideration of winter forage. Forage conditions at the present time are not

satisfactory, the period May 1st to June 30th of this year having been the driest May and June of record in the history of the park. This condition is reflected in all the main ranges. The forage growth is less than fifty percent of normal and the grass on the lower ranges is firing up and turning brown long before it has a chance to mature. The conditions to date are comparable in most particulars with the arid conditions that prevailed in 1919, and granting the most favorable conditions for the remainder of the season I am convinced that our forage crop will not be sufficient for our game requirements. Our last winter season was unusually mild, with snow depths below normal, and we can hardly expect a recurrence of these conditions next winter. The weather has materially effected conditions at the hay ranches where crops will be far below normal.

Elk: The movements of the elk to the summer ranges were rather slow and they were later than usual; a great many calves were born before the elk left the winter range. Elk were quite commonly seen along the park highways during the first ten days of the month but since that time very few have been seen. Our efforts to corral a few for show purposes in the pasture near the buffalo corral at Mammoth have not been very successful. However, we succeeded in getting four into the enclosure and will no doubt be able to bring them down a little later to a point where they can be conveniently seen by visitors to the park. The calf crop will easily be up to normal, perhaps even better.

Deer: The deer have left their winter haunts for more secluded places and are now rarely seen. A number of fawn have been seen in the Mammoth district. The pets around Mammoth disappeared about June 10th but are not particularly difficult to find for those who know where to look.

Antelope: The antelope are now ranging all the way from Blacktail to Mount Norris and are particularly noted along Hell-roaring, Slough Creek and the Lamar River Districts. A number of kids have been observed.

Moose: Moose were commonly seen in the Mammoth-Norris district during the early part of the month and they are seen almost daily by rangers on patrol in the more remote districts of the park. A number of lusty calves have been recently seen.

Buffalo, tame herd: The main herd is now on Mount Norris and other points comprising their usual summer range. There were 107 calves on June 30th as compared with 86 on July 1st of last year.

Bears: The bears are now appearing daily at the dumps back of the hotels and camps. They are not appearing thus far in as large numbers as were commonly seen last season and the season before but this is probably due to the fact that the locations of the dumps have been changed at most points and they are not yet fully accustomed to the new locations, also the season is only fairly begun and many of the bears have yet to visit the new dumps for the first time. The usual number of cubs are making their appearance at all points where bears are commonly seen. The "Hold-Up" bear is operating as usual between the Lake and Thumb and a number of minor injuries have been inflicted by him on persons who persist in feeding him from their hands. This practice is persisted in despite repeated and insistent warnings that such practices are dangerous and by reason of that fact forbidden.

Fishing: Flood water conditions were of rather brief duration on all the park streams this spring because of the lack of rainfall and the mild weather conditions which facilitated an early run off and produced desirable fishing conditions early in the season. The park was unofficially opened to travel on June 1st and fishing in all park streams has been permitted since that date. A record of the fish taken from the park streams by private motorists since June 1st shows a total of 7279.

Dogs

Dogs may be transported through the park only on special authority of the Superintendent, which requires that they be under leash or crated, and it is perhaps interesting to note that a total of 2996 dogs were transported through the park subject to the above conditions during the season of 1923. The total number of dogs transported through the park during the present season to date is 316.

Arrests and Violations of Law

Hearings were had before the United States Commissioner in the following named cases, to-wit:

Merchant-Wilson: On June 9th, Eugene Merchant and Albert Wilson, boys 17 years of age, were arrested by Park Ranger John Delmar, Sr., on a charge of burglarizing the Fountain Ranger Station. They were brought before the United States Commissioner on the 11th and witnesses were examined and evidence submitted whereupon they were held to answer to the United States District Court and duly delivered to a Deputy United States Marshall on June 21st, 1924.

Hoffman, Jack P.: On June 22nd, Mr. Jack P. Hoffman of Marion, Kansas, was arrested by Motorcycle Ranger W. C. Wahl, for speeding on the park highways at the rate of 40 miles per hour, and upon being duly arraigned he entered a plea of guilty and was fined \$15.00 and costs, which he promptly paid and was released.

McDonald, Frank A.: On June 24th, Frank A. McDonald, residing at Mammoth Hot Springs, Yellowstone Park, Wyoming, was arrested by Deputy U. S. Marshall Julius L. Greer, on a warrant charging him with assault upon the person of Mrs. Jessie L. Cummings, also a resident of Mammoth Hot Springs, Yellowstone Park, Wyoming. Witnesses were examined and evidence submitted, upon the conclusion of which the case was dismissed and defendant discharged from custody.

Tuttle, Harvey: On June 26th, Harvey Tuttle was arrested by Motorcycle Ranger Wasson W. Lawrence, on a charge of speeding at the rate of 40 miles per hour on the highway between Canyon and Norris. The cause came on for hearing and evidence was submitted. The defendant was adjudged guilty and fined \$15.00 and costs of \$5.50, total \$20.50, which he promptly paid and was discharged from custody.

Powell, P.W.: On June 26th, Mr. P. W. Powell of Norfolk, Virginia, was arrested by Motorcycle Ranger Kenneth C. Wahl, on a charge of speeding at the rate of 35 miles per hour on the highway between Mammoth and Norris. A hearing was promptly had and the evidence submitted whereupon the defendant was adjudged guilty and fined \$10.00 and costs of \$.50, total \$10.50, which he promptly paid and was discharged from custody.

Delahoyde, W.: On June 26th, Mr. W. Delahoyde, driver of a Transportation Company express truck, was arrested for speeding on the highway between Norris and Mammoth, by Motorcycle Ranger Wasson W. Lawrence, after having been warned only a few miles back (between Norris and Canyon) that he was exceeding the speed limit. The cause came promptly on for hearing, the evidence submitted and the defendant adjudged guilty and fined \$10.00 and costs of \$5.50, total \$15.50, which he promptly paid and was discharged from custody.

Other infractions of law and of park regulations, of a minor nature, have been reported, some of which merited and received reprimands; others were dismissed with a word of caution and advice and those involved in still other cases were removed from the park.

Unknown: On June 25th, a man whose name is unknown was ejected from the park at West Yellowstone by Ranger Harlie Hodgins because of his being in an apparently demented condition. He came into the park afoot and had no money, food or equipment, refused to be detained and had to be forcibly ejected from the park. He was not injured in any way and went merrily on his way towards Bozeman.

Unknown: Another unknown person who was temporarily deranged came into the custody of the Rangers at Old Faithful Station. He was a young man, a foreigner, and could not speak English. He had no money and was half starved. His condition was apparently due to starvation. He was given food at the Ranger Station and free transportation to West Yellowstone. This occurred on June 28th.

Kelsey, Chas., Deputy U.S. Marshall: Another incident under the above heading that merits note has to do with the revocation of a complimentary auto permit issued to Mr. Charles Kelsey, a Deputy United States Marshall. Mr. Kelsey has abused the hospitality accorded him by the National Park Service by drunken and disorderly conduct both within and without the park and I have directed that his permit be canceled, and have so advised the United States Marshall at Helena.

Desmond-Paris: On June 23rd, Mr. Edward Desmond of 223 South Main Street, Butte, Montana, and Mr. Victor Paris of Helena, Montana, were reported to the ranger in charge of the Lake Station for drunken and disorderly conduct and for annoying guests at the Lake Camp. They were employees at the Lake Camp at the time and upon being discharged from further employment at the Camp were instructed by the ranger in charge of the Lake Station to report to the Chief Ranger's office on their way out of the park. In the meantime, it was learned that the guests would not make formal complaint against them because of the delay involved and the case was disposed of by seeing them paid in full for their services and directing them to immediately leave the park by way of the Gardiner entrance, which was promptly done.

Baker-Reed: On June 15th, two men answering to the names of J. B. Baker and Robert D. Reed, were arrested by the ranger in charge of the Lake Station for drunken and disorderly conduct and for making familiar approaches to strange women. They were employees of the Yellowstone Park Hotel Company and were both of doubtful repute. They were instructed to report to the Chief Ranger at Mammoth and upon being interviewed by him were ordered from the park.

Accidents and Casualties

Yellow Busses Nos. 90 and 136: On June 28th, Yellow Bus #90 collided with Yellow Bus #136. They were deadheading to West Yellowstone and the incident occurred near the two mile post east from the West Yellowstone checking station and at the point where the cars turn off the main road to the transportation company barns. They were both apparently speeding and when #136 attempted to turn off the main road #90 could not slow down quickly enough to avoid a collision. There were no personal injuries and the damages, which were slight, were done to Bus #90.

Ferney, C. L. - Yellow Bus #2: On June 22nd, Rangers from Old Faithful and West Yellowstone reported an automobile accident on the highway between West Yellowstone and Madison Junction. The accident occurred on a curve at a point between the five and six mile posts, east from West Yellowstone. No personal injuries were suffered but extensive damages were reported to one of the cars involved, namely, a 1924 Buick touring car, license #55029, Idaho, which was owned and driven by Mr. C. L. Ferney of St. Anthony, Idaho. The other car involved in the accident was driven by W. H. Douglas. It appears that the Yellow Bus collided with the other car on a curve. There is a difference of opinion as to who was at fault and there was some evidence to the effect that the driver of the Yellow Bus was speeding at the time. An amicable settlement of the case has not been had to date and there is some prospect that Mr. Ferney will file a suit for damages.

Hardman, J. W.: On June 22nd, Mr. Hardman of 1005 South 28th Street, Birmingham, Alabama, was injured by a falling tree. Mr. Hardman was enroute to the bear dump near Lake Hotel when a dead tree about five inches in diameter was blown down and when falling struck him on the shoulder and bruised his shoulder and arm. The injuries were not considered serious and no further reports on the case have been had. The nurse at Lake Hotel administered first aid.

Jones, Ray - Yellow Bus #103: On June 28th the Transportation Company's Yellow Bus #203 collided with a private car - Durant, Utah license #66134 - owned and driven by Mr. Ray Jones of Wattes, Utah. The accident occurred near the 10 mile post on the highway from Thumb Station to Snake River at a point along the shore of Lewis Lake. No report of the accident was made to park rangers until about twenty-four hours after it had happened so the ranger department has no information regarding the affair except the statements of witnesses which are in direct conflict. The names and addresses of all witnesses to the accident have been procured and will be available for reference in the event of

further inquiries or proceedings by the parties interested. Just now it appears that the matters in dispute have been dropped.

Stewart, Pearl - Yellow Bus #25: On June 23rd, a collision occurred between Yellow Bus #25, driven by D. E. Renner and a private car - Chevrolet, license #119026, Washington - owned and driven by Pearl Stewart. The accident occurred at a point on the highway between Canyon Junction and the Canyon Ranger Station and was admittedly caused by the negligence of the driver of the Yellow Bus. There were no personal injuries and the damages were not serious. An amicable settlement of the case was immediately had and the incident is apparently closed.

Forest Fires

Two forest fires of small proportions have occurred to date. The first occurred at Old Faithful on June 26th at 4:45 P.M. and required the efforts of fourteen men for about an hour to extinguish it. The entire force of rangers at the station and eight additional men joined in the work. There were no timber losses of any particular consequence. The fire occurred near Suicide Point.

The rangers from Thumb Station extinguished a small fire near that point on the 28th. The fire was quickly extinguished by the two rangers from Thumb Station who had the assistance of a third person who happened to be nearby. Both fires were apparently caused by a lighted match or cigarette carelessly dropped by some passerby.

Ranger Patrols

No ranger patrols of special importance were made during the month apart from the assistance rendered by Chief Ranger Woodring to Major Goldman of the U. S. Biological Survey and Messrs Smith and Ratchford of the Forest Service. He rode with this party for nearly a week and some interesting observations were made along the northern boundary of the park in the country lying to the east and northeast of Crevice Mountain, the details of which will appear in Major Goldman's report. Park Naturalist E. J. Sawyer also rode with this party in the game preserve along the Gallatin for a period of five days.

Fire patrols are regularly made in all sections of the park and lookouts are maintained at points overlooking wide stretches of country. At points particularly suited to angling fish

patrols are regularly made.

Natural Phenomena

At the beginning of the season this year numerous changes are observable in the formations, especially at Mammoth Hot Springs. Hymen Terrace has changed its location of greatest activity and several new springs have broken out along its upper edge, giving a much larger total flow than usual. The new activities at Canary Spring and Butterfly Spring, begun during the past two years, have increased until these springs are among the major attractions of the terraces. Between Butterfly Spring and Naiad Spring there is evidence of slumping and cracking, and several new sink-holes have opened up. Minerva Terrace continues to diminish, and Angel Terrace has suddenly become virtually extinct. A new spring, "The New Angel", has broken out just above Angel Terrace, and the old Glen Spring, nearby, has begun flowing.

The activities at the Geyser Basin, always less subject to change than those at Mammoth, continue about as usual.

Seasonal Changes

The unusual spring drought has affected the vegetation of the park rather seriously. The spring flora has come and passed before its time in most parts, and the summer plants are precociously in bloom. Some of the tenderer varieties, in gullies and canyons that are usually moist, are suffering greatly. Much anxiety is felt over the prospect of possible forest fires.

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Lecture and Guide Service: The lectures at Mammoth are being given again this season by Mr. Wm. J. Cribbs. They are being received with signs of great interest by audiences of from 400 to 600 each evening. The lecture program at Upper Basin is presenting a variety of subjects, the history of the park, its administration, and the winter work of the ranger force being discussed on successive evenings. At Camp Roosevelt, Professor H. S. Conard has begun his nature guide work with small but interested and enthusiastic walking parties.

Visitors: The quota of noteworthy guests received by the education service in the park has so far not been large. Two scientists from the University of Freiburg, in Germany, Professors Ascher and Michaelis, were given special attention at

Mammoth; and a party of geology students from Vassar College, led by Professor Hills, were led on three field trips in the Camp Roosevelt region by Professor Conard.

Park Naturalist

Museum: Special attention was given the museum, particularly in storing away for future use specimens for which no exhibit cases are at present available, and in re-arranging exhibit cases and placing additional new collections. The latter consist chiefly of birds' eggs, all of which were collected in May of this year. Three new drawings of local mammals and birds were also placed on the museum walls; these drawings represent eight species; with the drawing of ducks previously hung, this makes a representation at present of seventeen species. The drawings are original water colors. Other drawings have been begun.

Attention was given tourists, particularly in the evenings, beginning June 20th, chiefly in the matter of explaining the exhibits and answering questions relative to the natural history of the park.

A chalk talk was given at Mammoth Camp, following a lecture by Mr. Cribbs, being, in fact, a continuation of that lecture. The mammals and birds of the park were dealt with in the chalk talk. Many questions were thus suggested and answered.

Photography was continued in the field. In particular, attention was given to photographing the fawns and the two badgers which are kept at the Buffalo Corral.

At the Buffalo Corral: A feature attracting much tourist attention at this time is the collection of live animals at the Buffalo Corral. Beside the usual herd of buffalo, quarters have been arranged for other typical animals of the park. There are at present two black tailed deer fawns, an elk calf and two young badgers. The fawns are two or three weeks old and the badgers probably two or three months. All were caught within a mile of Mammoth Hot Springs.

The two badgers are now about two-thirds grown. It is not the badger nature to lavish his affection with anything like fawn-like or dog-like demonstrations. His natural food in the park consists largely or almost entirely of ground squirrels.

The Object of the Menagerie: These animals are kept for the close inspection of tourists, that those interested in the park's rich wild life may make close-up studies and photographs of the mammals of this region. Often the tourist sees animals at

a distance and tries without success for a close view. His time in the park is usually limited and, unless he can see the animal in captivity, his interest in a close acquaintance may go unrewarded.

General Observations: General observation trips afield by horseback and afoot were continued as opportunity offered, and notes collected and filed. Some of the more interesting of the items of interest thus noted have been mentioned in another report dealing especially with mammal and bird life. This report is incorporated in the Nature Notes series and will be forwarded at a later date.

Fishing has been good but not exceptional in any sense.

Special Visitors

From June 12-17th, inclusive, over four hundred members of the Woodmen of the World attended convention at Mammoth Hot Springs, and on the morning of the 18th left for a tour of the park. Most of the members of the party came into the park via Gardiner, the balance entering by West Yellowstone. The majority left by Cody, the others by the northern and western entrances.

Congressman W. C. Hawley, of Oregon, was in the park from June 11th - 21st. He was with the W.O.W. party.

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Governor Jos. M. Dixon, of Montana, toured the park June 20th and 21st, entering via Gardiner to participate in the formal opening ceremonies at Gardiner, and leaving via West Yellowstone.

Lieutenant Governor Nelson Story, Junior, attended the opening ceremonies at Gardiner on the 20th, having entered that way, and he left via Gallatin, Northwest gateway. He was in his own car.

Senator and Mrs. T. L. Oddie, of Nevada, entered West Yellowstone on June 19th. The Senator expects to be in the park a month or more. He is a brother-in-law of Mr. Vernon Goodwin, President of the Yellowstone Park Camps Company.

National Commander John R. Quinn, of the American Legion, entered the park June 20th via Gardiner and left the same night for Havre, Montana, to attend a reunion of his battery. He returned to the park on June 24th, remaining here until the 28th, when he left via the Eastern entrance.

Frank E. Andrews, President of the Portland Chamber of Commerce, arrived June 23rd by the northern entrance, and left via West Yellowstone June 27th.

Hon. Robert W. Shingle, Member of the Republican National Committee from Hawaii, accompanied by his wife and two children, arrived in the park on June 21st via West Yellowstone, and left via the same gateway on June 25th.

Frederick Fischer Meyer, formerly a member of the Curtis Publishing Company, arrived via the northern entrance on June 25th and left via the Cody entrance on June 29th.

Dr. Jas. C. Evendon, Entomologist of the Department of Agriculture, arrived in the park on June 30th for a study of our forest conditions, and the day before Dr. F. C. Craighead, of the University of Pennsylvania, entered via Gardiner for the same purpose.

Sickness and Medical Attention

Dr. J. M. Wolfe, National Park Service physician, continued his medical service in the park during the month of June and reports having made 28 professional calls on park people and 44 office calls.

Religious Services

Episcopal services were held by Rev. Wm. Friend Day on the evening of June 8th, morning of June 22nd and morning of June 29th.

Methodist services were held on the evening of June 1st, by Rev. Newton M. Temple, pastor of the Methodist Episcopal Church of Livingston, Montana.

Baptist services were held on the evening of June 15th, by Rev. Thos. Huxley, pastor of the Baptist Church of Livingston, Montana. This service was especially prepared for the benefit of the Woodmen of the World, who were at the time holding their convention in the park and stopping at Mammoth Camp, and it was well attended and highly appreciated by the members of this party.

English Lutheran services were held on the evenings of June 22nd and June 29th, by Rev. George H. Keohler, of Livingston, Montana.

Roman Catholic Mass was held in the Chapel at 6:00 A.M. on June 29th.

Rev. John Spillane, Pastor of St. Barbara's Church, of Powell, Wyoming, arrived here June 28th, having been detailed by the Roman Catholic Bishop of the Diocese to look after Catholic services in the park during the summer. His program for the summer contemplates the holding of mass in the chapel at 6 A.M. and 8 A.M. every Sunday, and at 7 A.M. every Tuesday and every Thursday.

The program for the season of religious services to be held in the Chapel was printed and posted before the arrival of Father Spillane, and only mentions Catholic Services in a general way. Since his arrival additional notices have been printed and posted especially announcing his services.

Postal Service

The carrier service into the park was resumed for the summer season on June 20th. A carrier makes the rounds every day from headquarters to Norris, Old Faithful, Thumb, Lake Outlet, Canyon, Tower Falls, and back, a total distance of about 140 miles.

June shows an increase in business of 28 percent in sales of stamps, and 60 percent in number of pieces cancelled, over the same period in 1923, which was a record year.

Fire Protection at Hotels

A fire department has been formed in the park consisting of former members of the San Francisco Fire Department, who are on guard at all park hotels both day and night. There are two firemen stationed regularly at Mammoth Hotel; two at Lake; two at Old Faithful; two at Canyon; and in addition Chief G. Bailie will travel regularly between the four places.

Mr. W. M. Nichols, of the Hotel Company, has given instructions to the men to check up on fire apparatus and make reports on new equipment needed.

Circulars

Attached hereto are copies of the following circulars issued during the month of June:

- No. 4, dated June 2nd, - Speed limits in Yellowstone Park
- No. 5, dated June 7th - Special reports from rangers on unusual events, accidents, etc.
- No. 6, dated June 7th, charge for meals to motorcycle rangers.
- No. 7, dated June 7th, Rangers traveling in park on official or unofficial business.
- No. 8, dated June 7th, Serving meals to any park employee except rangers.
- No. 9, dated June 10th, Assignment of duties, particularly three Assistant Superintendents.
- No. 10, dated June 12th, Hours of telephone and telegraph operators.
- No. 11, dated June 12th, Sunday service of office employees
- No. 12, dated June 18th, Ranger assignments and schedules of duty.
- No. 13, dated June 17th, Care of lawns at headquarters.
- No. 14, dated June 30th, Change of duties of Electricians Allan and Dale.

IX. RECEIPTS AND REMITTANCES

Certified check #804, dated June 10, 1924, drawn by George Whittaker on the Northwestern National Bank, Livingston, Montana, to the Director, National Park Service, amount	\$ 16.10
Certified check #9, dated June 7, 1924, drawn by Anna K. Pryor, on the National Park Bank, Livingston, Montana, to the De- partment of the Interior, amount	5.47
Certified check #51, dated June 18, 1924, drawn by J. E. Haynes, on the First National Bank of St. Paul, to the Director, National Park Service, amount	3.00

Certified check #2577, dated June 19, 1924	
drawn by H. W. Child, on the National	
Bank of Montana, Helena, Montana, to	
the Director, National Park Service,	
amount	<u>\$ 7.81</u>
Total	\$32.38

Cordially yours,

Horace M. Albright,
Superintendent.

The Director,
National Park Service,
Department of the Interior,
Washington, D. C.

Enclosures.

JSS

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

MONTHLY METEOROLOGICAL SUMMARY.

ation, YELLOWSTONE PARK, WYO. ; month, J U N E , 1924. , 19 .

TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of day.	Sunshine, percent- age.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
Max.	Min.	Mean.				Mean	lowest
63	38	50	0	PtCldy	82	29.91	29.41
72	34	53	T	PtCldy	70	30.41	30
72	40	56	0	PtCldy	87		6
71	38	54	.07	PtCldy	64	TEMPERATURE.	
65	33	49	T	PtCldy	54	Highest	82
60	34	47	.21	Cldy	1	date	30
42	29	36	.02	PtCldy	42	lowest	24
44	24	34	.15	Cloudy	14	date	8
57	28	42	0	PtCldy	60	Greatest daily range	44
65	36	50	T	PtCldy	38	Least daily range	13
61	39	50	T	Cloudy	13	Mean for this month in	
72	33	52	T	PtCldy	58	1871	80
78	40	59	0	Clear	93	89	57
79	40	60	0	Clear	100	98	55
77	41	59	0	Clear	94	07	49
77	43	60	0	Clear	97	16	50
72	43	58	0	Clear	88	1872	81
52	35	44	.24	Cloudy	8	90	54
51	35	43	.10	Cloudy	33	99	53
63	33	48	0	PtCldy	61	00	62
73	45	59	T	PtCldy	60	01	50
73	42	58	0	PtCldy	60	10	56
76	37	56	0	PtCldy	69	11	55
64	42	53	.02	Cloudy	38	12	55
76	43	60	T	PtCldy	44	13	55
78	44	61	0	PtCldy	67	14	53
69	45	57	0	PtCldy	74	15	49
71	40	56	0	PtCldy	67	16	50
72	39	56	0	Clear	100	17	51
82	38	60	0	Clear	100	18	60
67.6	37.7	62.6	.81		61	19	59
						20	52
						21	58
						22	58
						23	52
						24	53
						Normal for this month	
						56.0	
						Absolute maximum for this month for	
						37	
						years	
						92	
						Absolute minimum for this month for	
						38	
						years	
						20	
						Average daily excess (+) or deficiency (-) of this month as compared with the normal	
						-3.4	
						Accumulated excess (+) or deficiency (-) since January 1	
						-1.41	
						Average daily excess (+) or deficiency (-) since January 1	
						-0.8	
						PRECIPITATION.	
						Total this month	
						0.81	
						snowfall	
						1.1	
						Greatest precipitation in 24 hours	
						0.28	
						date	
						18-19	
						Snow on the ground at end of month	
						0	
						Total precipitation this month in	
						1871	80
						89	0.66
						98	2.67
						07	2.91
						16	2.36
						1872	81
						90	0.94
						99	1.90
						08	3.30
						17	0.67
						1873	82
						91	3.05
						00	1.17
						09	0.75
						18	2.97
						1874	83
						92	1.46
						01	1.43
						10	0.61
						19	0.14
						1875	84
						93	0.38
						02	1.87
						11	2.20
						20	1.18
						1876	85
						94	3.10
						03	0.90
						12	1.21
						21	1.13
						1877	86
						95	2.71
						04	1.03
						13	2.09
						22	0.56
						1878	87
						96	0.73
						05	3.05
						14	2.48
						23	2.10
						1879	88
						97	2.34
						06	0.91
						15	2.00
						24	0.81
						Normal for this month	
						1.64	
						Excess (+) or deficiency (-) of this month as compared with the normal	
						-0.83	
						Accumulated excess (+) or deficiency (-) since January 1	
						-6.29	
						MEAN RELATIVE HUMIDITY (Percentage).	
						6 a. m.,	75
						Noon	p. m., 34
						6 p. m.,	37
						WIND.	
						Prevailing direction	
						SW	
						total movement	
						5467	
						miles;	
						average hourly velocity	
						7.6	
						maximum velocity (for five minutes)	
						38	
						miles per hour, from	
						south	
						on	
						6	
						WEATHER.	
						Number of days, clear	
						7	
						partly cloudy	
						17	
						cloudy	
						6	
						on which .01 inch, or more, of precipitation occurred	
						7	
						MISCELLANEOUS PHENOMENA (dates of).	
						Auroras	
						0	
						halos: solar	
						0	
						lunar	
						11	
						Hail	
						0	
						sleet	
						0	
						fog	
						0	
						Thunderstorms	
						4, 19	
						*Frost: light	
						2, 12	
						heavy	
						7	
						killing	
						8, 9	

NOTE.—“T” indicates trace of precipitation.

the autumn frosts are not recorded after the occurrence of “killing,” except in Florida and along the immediate coast of the Gulf of Mexico.

E. H. Fletcher, Observer.

Weather Bureau.

Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming.

June 2, 1924.

CIRCULAR NO. 4.

During the past two or three years I have noticed a growing tendency on the part of residents of Yellowstone Park, who own automobiles, to ignore the rules and regulations regarding the speed at which cars may be run on the road. There are four or five residents who constantly drive at excessive speed and I have personally noticed that this speed has not slackened on curves. The attention of all residents owning automobiles is again specifically called to Rule 9, which reads as follows:

"9. SPEEDS. - Speed is limited to 12 miles per hour on grades and when rounding sharp curves. On straight open stretches, when no vehicle is nearer than 200 yards, the speed may be increased to 25 miles per hour.

"The speed of all motor trucks is limited not to exceed 15 miles per hour on all park roads."

A warning is hereby issued that the ranger force is going to be expected to arrest and bring to the United States Commissioner, residents of the park who violate the regulations just as they do the visitors to the park who violate this or any other regulation. The regulations are made for all users of the park roads and there is to be no discrimination in favor of permanent residents.

Officers of the park, on emergency missions, will be authorized to drive faster than the regulations permit if the nature of their business demands such driving. Likewise, physicians hurrying to the aid of the sick or injured may drive at speed in excess of the regulations, although the nature of the sickness should govern the physician and his driving. He should not endanger the lives of others while answering a call that does not demand excessive speed. Physicians returning from a call or engaged on non-professional business must stay within the regulations.

It is regretted that it has been necessary to issue this regulation but as more permanent residents of the park seem to be joining the group of speeders, it appears that at this time a halt must be called on this practice, and hence this warning.

HORACE M. ALBRIGHT
Superintendent

HMA/jj

DEPARTMENT OF THE INTERIOR
National Park Service
Yellowstone National Park
Yellowstone Park, Wyo.

OFFICE OF THE SUPERINTENDENT.

7th
June ~~30th~~ 1924.

CIRCULAR NUMBER FIVE.

The attention of all rangers is called to paragraph # 41 of the Manual for Park Rangers:

"Unusual events: -- Special Reports: Unusual occurrences, such as accidents, deaths, changes in natural phenomena, etc., will be reported at once to the Chief Ranger's Office by telephone. This should be followed by a detailed written report of the same. This is an important duty in connection with ranger work. It is necessary that a complete record be kept of all events of this kind, and especially in the case of accidents and deaths. When rangers hear of accidents and deaths they will proceed at once to the scene of the same, if possible, and gather full details as to the names, addresses, causes or any other essential information regarding the event, and make a written report of the same to the Chief Ranger's Office. Statements of the witnesses of the event are especially valuable, and should be taken at once in writing."

During the past season there have been several accidents in the park that have not been reported by rangers, and the office has had to rely on outside sources for data. It should be kept in mind that no accident is so small that it may not cause complications later, and should consequently be reported at once. The telephone report is desired only in order that we may keep in touch with events in the park, but the written report of the rangers to make the investigation is necessary for record purposes. In case of an accident rangers should never rely on second hand information, but should talk to the people concerned in person.

In addition to the cause, time and place of deaths, the name of the attending physician is absolutely necessary, and all these facts will be reported in writing.

In the future all rangers will see that paragraph # 41 quoted above is complied with in every detail.

Horace M. Albright.
Superintendent.

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
Yellowstone Park, Wyo.

OFFICE OF THE SUPERINTENDENT.

CIRCULAR NUMBER SIX .

June 7th 1924.

During the present season the charge at stations for meals served to motorcycle rangers, while on duty in the park will be three meals for one dollar.

Motorcycle men will settle for their meals at all park stations within their own districts, and no accounts for meals served to members of the motorcycle squad will be submitted to this office for collection.

The only exception to this rule will be when members of this squad are ordered from their district on official business, when upon presentation of the proper travel order, they will be furnished meals, and allowed to sign for the same.

Such accounts will be paid at this office at the regular rate of fifty cents per meal. However, this will not be done unless the travel order is presented.

HORACE M. ALBRIGHT.
Superintendent.

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
Yellowstone Park, Wyo.

OFFICE OF THE SUPERINTENDENT.

June 7th 192 4 .

Circular Number Seven .

No ranger will be allowed to travel outside his own station district, and visit other sections of the park, on either official or unofficial business without a regulation travel order. No such order will be issued except by authority of the Chief Ranger's Office.

Travel orders are issued to each station and are numbered consecutively. When a man is going to travel from one station to another in the park permission will be secured from the Chief Ranger's Office and if such permission is granted the station chief will issue the required travel order and will indicate whether the trip is official or unofficial.

Before serving meals to rangers aside from their own station force men in charge will require that this travel order be presented. If the trip is official the man will be allowed to sign for his meals, and the account will be settled by this office. If the trip is for unofficial purposes the ranger will be required to pay cash for meals.

This office will not make collections for meals served to men on unofficial status.

As soon as the trip is completed the travel order will be returned to the station chief, who will send it to the Chief Ranger's Office. He will also indicate the time of the beginning and the ending of the trip, and the reason therefor.

The ranger in charge will be held responsible for the return of such orders to the office, and will impress upon the minds of the men under his charge the importance of turning in these orders at the end of any trip.

The Chief Ranger and Assistant Chief Rangers are exempt from the above regulations.

HORACE M. ALBRIGHT,
Superintendent.

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

CIRCULAR NUMBER EIGHT .

June 7th 1924.

In the future rangers will not serve meals to any park employee except rangers. Statements submitted containing the names of any persons not under the above designation will not be paid.

There are road camps in the vicinity of each station, and all truck drivers or other government employees will be directed to these for their meals.

In case of emergency meals may be served to others, but not until a statement of the conditions is given to the Chief Ranger's Office and permission secured.

HORACE M. ALBRIGHT,
Superintendent.

Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming.

Office of the Superintendent

June 10, 1924.

CIRCULAR NO. 9.

Effective immediately the following assignment of duties are made:

1. Assistant Superintendent Leroy Hill will be Acting Superintendent in the absence of the Superintendent; he will have charge of employment, purchasing and disbursing activities of the headquarters office, and will in general exercise the duties he has heretofore performed, except as this assignment specifically transfers duties outside the office to another officer. In general, Mr. Hill will be the office Assistant Superintendent.

2. Assistant Superintendent Peter E. Bilkert will be Acting Superintendent in the absence of both Superintendent Albright and Assistant Superintendent Hill. He will be an officer with duties corresponding to a comptroller in private business; he will account for, by proper records, all expenditures, liabilities and general accounting in respect to appropriations; he will assume charge of all incoming park revenues, record and account for same to the United States Treasury, and submit reports to the Superintendent on all park finances. He will have charge of the cost accounting system. He will determine the necessity for all purchases, approve or reject in whole or in part, before orders are placed. He will take charge of requisitioning procedure; he will be in charge of all Government property, supplies and equipment in respect to acquisition, disposition, housing and other responsibility in connection with property; he will assume charge of the entire transportation system throughout the park. He will supervise care of buildings and grounds, inspect, repair and maintain buildings and keep headquarters in sightly and sanitary condition. He will supervise shop operations at headquarters and will be available for exercise of similar supervisory power in connection with activities of other departments (except office) as assigned by the Superintendent. As opportunity presents, he will inspect road camps and ranger stations within the park confines. He will recommend, install and enforce economy and efficiency measures in general. Mr. Bilkert will be the outside Assistant Superintendent.

3. Assistant Superintendent Chester A. Lindsley, in addition to his duties as Postmaster, will supervise publications, both free and sale, prepare reports for submission to the Superintendent of Documents and the Director of the National Park Service; give as much time to the Information Office as possible and have charge of the chapel and arrange for church services.

4. The three Assistant Superintendents will constantly plan ways and means tending to reduce operating costs and efficiently conduct the ever-increasing Government business. All department heads will likewise make every endeavor to economize in operations and strive for greater efficiency. While each department is an operating unit, the fact that cooperation with other operating units only will make possible the unified whole, must not be overlooked. In planning his needs, a department head will ever bear in mind that benefit should not accrue to his department at the expense of another department; rather a spirit of cooperation for the good of the whole service.

will bring the results to realization. Increases in travel and more extensive operations without resultant increases in appropriation make it imperative that every department adopt most stringent economy. Hereafter it will be necessary for department heads to estimate in advance their needs, in detail, using old materials wherever possible, refrain from accumulating excessive stock-on-hand, and figure future needs as carefully and conscientiously as they would if payment therefor was to be made from their personal funds. Make each dollar expended reflect a dollar's worth of value by reduction of lost motion, preventing idleness and misuse of Government property. Savings realized each month by department heads should be reported to the Superintendent; such savings will be the means of determining future recommendations for promotion.

5. The Sanitation Department will assume charge of mosquito control, but the Protection Department will closely cooperate in this work and the latter department will have full control of other insect control. Assistant Chief Ranger Douglas, in addition to being in charge of the Southern Supervisory Territory, will engage in the examination of forests for insect infestations throughout the park. He will also supervise all wood cutting operations at centers of interest.

6. All requisitions for material, either for Government stock to park operators, or from park operators to Government, will be secured from Assistant Superintendent Bilkert. In his absence Asst. Superintendent Hill will approve, or reject, but will furnish copy of each requisition to above officer for accounting purposes. Other requisitions will be signed, if approved, by either Mr. Hill or Mr. Bilkert, but copies will be routed for accounting purposes.

7. It will be the duty of the Ranger Organization, Department heads and all permanent employees in Yellowstone to deal with the public in the most courteous and kindly manner. The National Park Service must be characterized as a very businesslike, efficient and economical organization. If we truly accomplish this it will tend to excite the admiration of all who observe our work. Under no other policy can we perform our duty to our Government, to the taxpayers of the country, not even to ourselves.

8. All propositions submitted to the Superintendent for decision and approval, although verbally agreed to, before being considered as authority hereafter, must be reduced to writing and signed by this officer in order that those concerned will be appraised of any action taken.

The policies outlined herein I know will have the earnest support of all members of the Yellowstone organization. The assignment of duties to the Assistants Superintendent has been made with the desire that they, with the Superintendent, will work more closely with the department heads and carry to completion the policies outlined.

HORACE M. ALBRIGHT
Superintendent

Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming.

June 12, 1924.

CIRCULAR NO. 10.

The following rules for use of Government telephone lines and switchboard will become effective June 13, 1924:

Hours of Duty for Operators

<u>OPERATORS</u>	<u>FROM</u>	<u>TO</u>	<u>HOURS</u>	<u>REMARKS</u>
1. Roach	6:30 A.M.	9:15 A.M.	2-3/4	*Subject to call at other hours for telegrams.
2. Sandel*	7:45 A.M.	12:45 A.M.	5	
3. Roach	12:45 P.M.	5:00 P.M.	4-1/4	
4. Sandel*	5:00 P.M.	6:00 P.M.	1	
5. Cummings	6:00 P.M.	12:00 P.M. (midnight)	6	

Hours Reserved for Camps Company

7:45 A.M. to 8:30 A.M.
2:00 P.M. to 2:30 P.M.
7:15 P.M. to 7:45 P.M.

The use of the line by the Camps Company at other times, for short messages when the lines are not busy is authorized, but they must not make a practice of transmitting their telegrams by telephone to Gardiner, except during their regular hours, or after 9:00 P. M., when the lines are not so busy. Most telegrams, especially those filed by tourists, can be filed at the Western Union offices in the hotels near the camps. During the summer season our lines are very busy and "visiting" cannot be permitted.

HORACE M. ALBRIGHT
Superintendent

DEPARTMENT OF THE INTERIOR
National Park Service
YELLOWSTONE NATIONAL PARK,
Yellowstone, Park, Wyo.

Office of the Superintendent

Circular No. 12

The following assignments of rangers and schedules of duties, will be effective during the park season of 1924:

In Charge of Ranger Force, Sam T. Woodring, Chief Ranger.

In Charge of Northern Supervisory Territory, First Assistant Chief Ranger, H. Trischman.

In Charge of Southern Supervisory Territory, Assistant Chief Ranger, Joseph Douglas.

In Charge of Western Supervisory Territory, Assistant Chief Ranger, Forest L. Carter.

GARDINER RANGER STATION

Four men, no horses.

In charge of Station, Park Ranger T.C. Pound

" " Albert T. McLaughlin

Temporary " " Kenneth Maxwell

Checking Auto Traffic from 6:00 a.m. to 9:30 p.m. Ranger in charge to make working schedule.

WEST YELLOWSTONE CHECKING STATION

Four men, no horses.

In charge of Station, Park Ranger, Harlie Hodgkin

Temporary " " Elmer E. Kingery

" " John T. Hoose

" " Horace A. Hildreth

To check auto traffic from 6:00 a.m. to 10:00 p.m. The ranger in charge of station to line out shifts.

Check auto camp and keep same in clean and sanitary condition.

SNAKE RIVER RANGER STATION

Four men, three horses

In charge of Station, Park Ranger Lee Cottrell

Temporary " " Eugene K. Taggart

" " Alexander D. Hollenbeck

Three men to check auto traffic from 6:00 a.m. to 9:30 p.m., together with other duties.

One man with pack outfit to patrol all parts of the district under the directions of the Assistant Chief Ranger of the Southern Supervisory Territory.

SYLVAN PASS RANGER STATION

Four rangers, one horse.

In charge of station, Park Ranger, Roby Roy Wisdom

Temporary	"	"	Mrs. Irene M. Wisdom
"	"	"	Carl G. Henn
"	"	"	Tom A. Renick

To check auto traffic from 6:00 a.m. to 9:30 p.m. The Ranger in Charge to line out the traffic

MANMOTH RANGER STATION

In charge of Chief Ranger's office, and Mammoth Ranger Station, Park Ranger Julius I. Greer.

Park Ranger Roy T. Frazier, Buffalo Corral

Park Ranger, Harry J. Lick

Temporary Park Ranger, Theodore P. Chittenden, charge Information Office

"	"	"	Margaret Thone
"	"	"	Nathan Bartlett, assistant in rangers' office
"	"	"	W. J. Cribbs
"	"	"	Russell Sprinkel, Motorcycle Special
"	"	"	Keneth C. Wahl, Motorcycle Patrol
"	"	"	Sam W. Maphis, Jr.
"	"	"	Ralph W. Pierson
"	"	"	Harold E. Sweeney
"	"	"	Douglas McMurray
"	"	"	Wm. H. Kocher, Jr.
"	"	"	Robert V. Armstrong
"	"	"	Prof. Frank Thone, in Charge Lecture Service

Park Naturalist --- E. J. Sawyer

Unassigned: Temporary Park Ranger Leslie B. McFadden

Formation Duty

Temporary Park Ranger Sam W. Maphis, Jr.

" " " Ralph W. Pierson

From 8 a.m. to 6 p.m., 2 men.

From 6:30 to 8:30 p.m., 1 man

One man will patrol the upper formation and one the lower.

Public Auto Camp

1 temporary park ranger. The ranger assigned to this work should devote as much time as possible to the auto visitors; mingle with them freely; solicit their comments, note their complaints and extend every courtesy.

Check auto camp every evening, and check cars out every morning.

Information Office during the day.

In evening will announce lecture to all parties in the public auto camp, and build a camp fire at 8 p.m. He will see that this fire is burning brightly at the time the lecture starts 8:30 p.m.

Information Offices

In charge of museum, Park Naturalist E.J. Sawyer

Information Desk, Temporary Park Ranger Theodore P. Chittenden

" " " Douglas McMurray

" " " Margaret Thone

The duty hours of temporary park ranger Margaret Thone will be from 1 p.m. to 5:30 p.m. and 6:30 p.m. to 9 p.m., and her duties will be limited to the Information Office.

All temporary men on this station will be expected to stand shifts in the Information Office, and all men not assigned to other night work will alternate on the evening shift from 7 to 10 p.m.

Guide Service

Temporary Park Ranger, Harold E. Sweeney
" " " " Wm. E. Kocher, Jr.

Regular parties to leave the hotel and camp at 9 a.m. and at 2:15 p.m.

Rangers assigned to guide duty will alternate weekly between the hotel and camp parties.

Buffalo Corral

Park Ranger Roy T. Frazier

To bring show herd up each day before 8:00 a.m., and hold them until 6 p.m. He will be on duty continually during the day in order to give information and to keep an approximate count on the number of people viewing the herd.

Fire Patrol

Park Ranger Harry J. Lick

Patrols around Mammoth for the purpose of fire observation and for detection of violations of park regulations, particularly with regard to fishing.

Ranger Lick is also designated as ranger in charge of the Ranger Quarters at Mammoth, and it will be his duty to require that the quarters are kept in proper condition and that order prevails.

Lecture Service

Temporary Park Ranger; Frank Thone. W.J. Cribbs

Lectures at permanent Camp at 7:20 p.m., Hotel at 7:55 p.m., and public auto camp at 8:30 p.m.

The ranger giving the lecture will announce the same at the hotel dining room during the dinner hour, and in the lobbies of the hotel and camp 15 minutes before starting.

Motorcycle Patrol

Temporary Park Ranger Kenneth C. Wahl

From Gardiner; to Norris, to North end of Dunraven Pass.

NORRIS RANGER STATION

Two men, two horses.

In charge of station, Park Ranger Norman A. Nerison

Temporary " " Raymond A. Hellickson

One man mounted to Virginia Meadows to check auto camps and to go to fire look-out at Virginia Cascades, and make general patrols over the district.

One man on Formation Duty from 8:00 a.m. to 12:00 noon, and from 1:00 p.m. to 5:00 p.m.

Auto camp to be checked every morning and evening, and to be kept in a clean and sanitary condition.

MADISON JUNCTION RANGER STATION

Two men, no horses.

In charge of station, Temporary Park Ranger George W. Vandaveer.

To check auto traffic and camps at the Junction. To climb Purple Mountain three times weekly during the dangerous fire season.

FOUNTAIN RANGER STATION

Two men, one horse.

In charge of station, Park Ranger John Delmar, Sr.
Temporary " " John Delmar, Jr.

Fire Patrol

Three trips each week to Mary's Lake.
Three trips each week to Sagebrush Flats.

Formation Duty

One man to patrol Paint Pots, Fire Hole Geyser Basin and Excelsior Geyser from 8:00 a. m. to 5:00 p. m.

OLD FAITHFUL RANGER STATION

Seven men, two horses.

In charge of station, Assistant Chief Ranger Forest L. Carter
Park Ranger, George T. Ross.
Temporary " " Eugene V. Robertson
" " " Gordon Cottier
" " " Joseph W. Byrns, Jr.
" " " Michael Z. Ferguson
Motorcycle Ranger.
" " " David Earl Andrew.
" " " Wm. H. Bayliff.

One man on station duty at all times.

Formation Duty

One man mounted, to patrol Black Sand Basin, and Biscuit Basin twice daily.

One man to patrol from Sawmill Geyser to Morning Glory Pool from 8:00 a.m. to 6:00 p.m.

One man to patrol from Old Faithful over Geyser Hill from 8:00 a.m. to 6:00 p. m.

Formation Duty, Forward

A ranger should be present at all the eruptions of the big geysers in the Basin such as Old Faithful, Grand, Riverside, etc.

Fire Patrols

One man on fire patrol three times each week to Madison Lake. He should patrol to a point overlooking the Bechler River Country. The patrol to the Madison Lake Lookout is especially important following electrical storms.

Guide Duty

Park Ranger, George T. Ross.
Temporary Park Ranger Wm. H. Bayliff.

Motorcycle Patrol

Temporary Park Ranger, Michael Z. Ferguson
This patrol extends from West Yellowstone to Thumb Station.

Public Auto Camp

One man to check auto camp every morning and evening; the ranger assigned to this work should devote as much time as possible to the interests of the auto visitors and extend them every possible courtesy.

Bear Guard

One man to do bear guard.

THUMB RANGER STATION

Two men, one horse.

In charge of station, Park Ranger Wendell S. Keate.

Temporary " " Walter Toevs.

LAKE RANGER STATION

Seven men, four horses.

In charge of station, Park Ranger Earl S. Bowman.

Temporary " " Gordon C. Young

" " " John R. Huffman.

" " " Edward D. Sledge.

" " " Elmer E. Silburn.

" " " Austin B. Wood, to act as Assistant to

Assistant Chief Ranger Douglas in the enforcement of wood cutting regulations in the park.

Park Ranger, Carl Dunrud, to be temporarily stationed at the Lake Station.

Park Ranger, Hollis Matthew.

One man at the office in the community room at all times

One man with pack outfit to make patrols over the entire district, to

detect fires and possible violations of park regulations.

One man to make daily patrols of camp grounds in the district.

Motorcycle Patrol

Park Ranger, Hollis Matthew.

The patrols from this station extends to Sylvan Pass and Snake River.

One man to regulate traffic near the Fish Hatchery from 8:00 a.m. to 7:00 p. m.

CANYON RANGER STATION

Eight men, two horses.

In charge of station, Park Ranger, Edward E. Ogston.

Temporary " " Carroll P. Donohoe.

" " " Frank W. Mondell, Jr.

" " " Wasson W. Lawrence

" " " Frederick Kislingbury.

" " " Robert L. Wilson

" " " Henry O. McCormick.

" " " Jake S. Alexander.

One man in office of the Community Room at all times.

One man at Artist Point each day from 8:00 to 11:30 a.m., and from 12:45 to 4:30 p.m.

One man at Inspiration Point each day from 8:00 to 11:30 a.m., and from 12:45 to 4:30 p.m.

One man to be stationed at stairway to Lower Falls from 10:00 a.m. to 12:00 noon and from 1:00 to 4:00 p. m.

One man to be stationed at stairway to Upper falls from 9:00 a.m. to 12:00 noon and from 1:00 to 4:30 p. m., to direct cars to parking grounds around the Haynes Picture Shop and otherwise regulate traffic.

ONE MAN TO DO BEAR GUARD

One man on fishing patrol or night guard.

Motorcycle patrol

Temporary Park Ranger, Wasson W. Lawrence. This patrol covers all roads in the vicinity of Canyon to North End of Dunraven Pass, Lake Junction and Madison Junction.

THUMB RANGER STATION

Two men, one horse.

In charge of station, Park Ranger Wendell S. Keate.

Temporary " " Walter Toevs.

LAKE RANGER STATION

Seven men, four horses.

In charge of station, Park Ranger Earl S. Bowman.

Temporary " " Gordon C. Young

" " " John R. Huffman.

" " " Edward D. Sledge.

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One man at the office in the community room at all times

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One man to make daily patrols of camp grounds in the district.

Motorcycle Patrol

Park Ranger, Hollis Matthew.

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One man to be stationed at stairway to Upper falls from 9:00 a.m. to

12:00 noon and from 1:00 to 4:30 p. m., to direct cars to parking grounds around the Haynes Picture Shop and otherwise regulate traffic.

ONE MAN TO DO BEAR GUARD

One man on fishing patrol or night guard.

Motorcycle patrol

Temporary Park Ranger, Wasson W. Lawrence. This patrol covers all roads in the vicinity of Canyon to North End of Dunraven Pass, Lake Junction and Madison Junction.

MOUNT WASHBURN LOOKOUT STATION

Two men, one horse.

In charge of station, Temporary Park Ranger, Irving F. Wiltse.
" " " Quentin D. Wert.

To make daily patrols to the summit of Mt. Washburn and to keep the comfort stations in a clean and sanitary condition.

TOWER FALLS RANGER STATION

Four men, two horses.

In charge of station, Park Ranger, John Bauman.

Temporary	"	"	William Wirt King
"	"	"	Kenneth S. Barnhill
"	"	"	Dr. Henry S. Conard.

One man at station at all times.

One man at Tower Falls from 1:30 p. m. to 4:00 p.m. to control traffic.

One man to make fish patrols.

One man to patrol Specimen Ridge and Slough Creek three times weekly.

GALLATIN RANGER STATION

Two men, three horses.

In charge of station, Park Ranger, George Winn.

Temporary " " Walton B. Tanner.

Two patrols to Sportsman's Lake each week and two patrols to Grayling each week. Patrols will be made to the top of Lightning Hill immediately after daylight on mornings following electrical storms.

One man on station duty or along road from Northwest Corner to Grayling Creek at all times.

RIVERSIDE RANGER STATION

One man, two horses.

In charge of station, Park Ranger, Clifford Anderson.

To make extensive patrols over the district for detecting fires and other possible violations of park regulations. Especial attention will be given to fishing parties along the Madison River and to live stock ranges across the Park boundary. Also this ranger must keep a close watch on drivers at the Transportation Company headquarters at Madison River.

BECHLER RIVER RANGER STATION

Two men, two horses.

In charge of station, Park Ranger, Albert Bicknell

Temporary " " Burley D. Shelton

Patrols in this district to be made under the direction of the Assistant Chief Ranger in charge of the Southern Supervisory Territory.

One ranger to be stationed on the road (at the park line) near Fall River on Saturday and Sunday of each week to check autos and seal guns of park visitors.

UPPER YELLOWSTONE RANGER STATION

One man, two horses.

In charge of station, Park Ranger, Walter J. Reiman.

To make mounted patrols over the district as directed by the Assistant Chief Ranger in charge of the Southern Supervisory Territory.

SODA BUTTE RANGER STATION

Two men, two horses.

In charge of station, Park Ranger, Fred C. Finch.

Temporary " " Leland E. Glasgow.

One man at station at all times to register cars entering the park, seal guns, etc.

One man to make fire patrols to the head of Pebble Creek and along the road to Soda Butte Cabin.

SODA BUTTE CABIN

One man, two horses.

In charge of station, Park Ranger, James N. Dupuis.

To make patrols over the district to detect fires, violations of park regulations, especially fishing regulations and to assist at the Buffalo Ranch when directed by the Chief Ranger.

UPPER SLOUGH CREEK RANGER STATION

Park Ranger, James McBride, assigned to Upper Slough Creek Station with routine of duties to be outlined by the Chief Ranger.

HELLROARING AND CREVICE RANGER STATIONS

One man, two horses.

In charge of stations, Park Ranger, Roy Brown.

Ranger to be stationed at Hellroaring.

To make fish and fire patrols under the direction of the First Assistant Chief Ranger, from the mouth of Blacktail to Little Buffalo and during dangerous fire weather patrols will be made to Crevice with night stopovers at that point.

HORACE M. ALBRIGHT
Superintendent,
Yellowstone National Park.

Dated June 18th 1924.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

June 17, 1924.

CIRCULAR NO. 13

In the past I have called attention to the necessity for the utmost care being given to the lawns at headquarters. It has come to my attention that some of the residents of Mammoth Hot Springs are still careless in the matter of running their cars over the lawns and considerable damage has been done to certain sections of the lawns since last year. This running of cars on the lawns must absolutely be stopped.

Attention is again called to the equally obnoxious practice of driving horses over the lawns about the homes and Government buildings. There is no objection to riding horses across the main plaza lawns but they must not be driven or ridden across any of the lawns about the public buildings, the private homes or the hotel.

HORACE M. ALBRIGHT
Superintendent.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

June 30, 1924.

CIRCULAR NO. 14.

Effective July 1st, and until further orders, Electrician C. D. Dale is to have charge of the electrical department (including telephone system) with the title of Acting Chief Electrician.

On the morning of July 1st the present Acting Chief Electrician, E. A. Allan, will turn over all control of the electrical department, together with all property, to Mr. Dale and will thereafter receive instructions as to his duties from the new Acting Chief Electrician. Also, on July 1st the new Acting Chief Electrician will report to me and to Assistant Superintendent Bilkert for orders and instructions regarding the work to be accomplished under the new appropriation.

The construction of the new joint telephone line under appropriations for Yellowstone Park and funds provided by the Yellowstone Park Hotel Company is hereby assigned to the Engineering Department and Mr. Burney will confer on July 1st with me and with Assistant Superintendent Bilkert on this project, Acting Chief Electrician Dale also being present.

HORACE M. ALBRIGHT
Superintendent.